Contents of Volume 53

Number 1, January 1995

Intense Sweeteners and the Control of Appetite, by Adam Drewnowski 1
Dietary Advice: From Folklore to Present Beliefs, by A. R. P. Walker 8
Reduced Physical Activity and Its Association with Obesity, by Lisette C. P. G. M. de Groot and Wija A. van Staveren 11
Sucrose Permeability as a marker for Nonsteroidal Anti-inflammatory Gastroduodenal Injury: How Sweet Is It?, by Mark DeMeo 13
The Diabetic Diet: Evidence for a New Approach, by Nancy F. Sheard 16
On-Line Food and Nutrition Information Resources 19
Tribute Hamish N. Munro, M.D., D.Sc., F.R.C.P. 1915–1994 20
Announcement 20
Calendar 21

Number 2, February 1995

Possible New Developments in Community Control of Iron-Deficiency Anemia, by Lani S. Stephenson 23
Dietary Supplements: Recent Chronology and Legislation 31
Calcium Requirements of Children, by Ann Prentice 37
Ontogeny of Transport Systems for Cationic Amino Acids in the Placenta, by Halvor Christensen and Lon J. Van Winkle 40
A Transporter Specific for Retinol in the Brush Border of Rat Small Intestine, by George Wolf 44
Books Received 46
Calendar 47

Number 3, March 1995

The Role of Phenolics, Conjugated Linoleic Acid, Carnosine, and Pyrroloquinoline Quinone as Nonessential Dietary Antioxidants, by Eric A. Decker 49
Neutropenia Caused by Copper Deficiency: Possible Mechanisms of Action, by Susan S. Percival 59
Diarrhea Induced by Enteral Feeding, by Sohrab Mobarhan and Mark DeMeo 67
Magnesium Supplementation and Osteoporosis, by J. E. Sojka and C. M. Weaver 71
Hepatic Amino Acid Transport Primary to the Urea Cycle in Regulation of Biologic Neutrality, by Halvor N. Christensen and Michael Kilberg 74
The Inhibitory Effect of Dietary Calcium on Iron Bioavailability: A Cause for Concern?, by Susan J. Whiting 77
Calendar 81

Number 4 (Part I), April 1995

Conjugated Dienoic Linoleate: A Polyunsaturated Fatty Acid with Unique Chemoprotective Properties, by Martha Ann Belury 83
Urban Nutrition in Developing Countries, by Noel W. Solomons and Rainier Gross 90
Ornithine Oxoglutarate Therapy Improves Nutrition Status, by Ravikant V. Varanasi and John R. Saltzman 96
Retinol Transport and Metabolism in Transthyretin-"Knockout" Mice, by George Wolf 98
New Insights into Intravenous Peptide Metabolism, by Halvor N. Christensen 100
Food Labeling: A Canadian and International Perspective, by Katharine E. Gourlie 103
On-Line Food and Nutrition Resources 106
Calendar 107
Announcements 109

Number 4 (Part II), April 1995

Foundation for Nutritional Advancement Symposium
Nutrition, Aging, and Immune Function

Foreword, by Simin Nibkin Meydani 1
Immune Senescence: Deficiency or Dysregulation, by Mark E. Weksler 3
Cellular and Biochemical Changes in the Aging Mouse Immune System, by Richard A. Miller 8

Contents of Volume 53

Number 1, January 1995

Intense Sweeteners and the Control of Appetite, by Adam Drewnowski 1
Dietary Advice: From Folklore to Present Beliefs, by A. R. P. Walker 8
Reduced Physical Activity and Its Association with Obesity, by Lisette C. P. G. M. de Groot and Wija A. van Staveren 11
Sucrose Permeability as a marker for Nonsteroidal Anti-inflammatory Gastroduodenal Injury: How Sweet Is It?, by Mark DeMeo 13
The Diabetic Diet: Evidence for a New Approach, by Nancy F. Sheard 16
On-Line Food and Nutrition Information Resources 19
Tribute Hamish N. Munro, M.D., D.Sc., F.R.C.P. 1915–1994 20
Announcement 20
Calendar 21

Number 2, February 1995

Possible New Developments in Community Control of Iron-Deficiency Anemia, by Lani S. Stephenson 23
Dietary Supplements: Recent Chronology and Legislation 31
Calcium Requirements of Children, by Ann Prentice 37
Ontogeny of Transport Systems for Cationic Amino Acids in the Placenta, by Halvor Christensen and Lon J. Van Winkle 40
A Transporter Specific for Retinol in the Brush Border of Rat Small Intestine, by George Wolf 44
Books Received 46
Calendar 47

Number 3, March 1995

The Role of Phenolics, Conjugated Linoleic Acid, Carnosine, and Pyrroloquinoline Quinone as Nonessential Dietary Antioxidants, by Eric A. Decker 49
Neutropenia Caused by Copper Deficiency: Possible Mechanisms of Action, by Susan S. Percival 59
Diarrhea Induced by Enteral Feeding, by Sohrab Mobarhan and Mark DeMeo 67
Magnesium Supplementation and Osteoporosis, by J. E. Sojka and C. M. Weaver 71
Hepatic Amino Acid Transport Primary to the Urea Cycle in Regulation of Biologic Neutrality, by Halvor N. Christensen and Michael Kilberg 74
The Inhibitory Effect of Dietary Calcium on Iron Bioavailability: A Cause for Concern?, by Susan J. Whiting 77
Calendar 81

Number 4 (Part I), April 1995

Conjugated Dienoic Linoleate: A Polyunsaturated Fatty Acid with Unique Chemoprotective Properties, by Martha Ann Belury 83
Urban Nutrition in Developing Countries, by Noel W. Solomons and Rainier Gross 90
Ornithine Oxoglutarate Therapy Improves Nutrition Status, by Ravikant V. Varanasi and John R. Saltzman 96
Retinol Transport and Metabolism in Transthyretin-"Knockout" Mice, by George Wolf 98
New Insights into Intravenous Peptide Metabolism, by Halvor N. Christensen 100
Food Labeling: A Canadian and International Perspective, by Katharine E. Gourlie 103
On-Line Food and Nutrition Resources 106
Calendar 107
Announcements 109

Number 4 (Part II), April 1995

Foundation for Nutritional Advancement Symposium
Nutrition, Aging, and Immune Function

Foreword, by Simin Nibkin Meydani 1
Immune Senescence: Deficiency or Dysregulation, by Mark E. Weksler 3
Cellular and Biochemical Changes in the Aging Mouse Immune System, by Richard A. Miller 8

Aging and Lymphokine Gene Expression by T Cell Subsets, by David N. Ernst, William O. Weigle, and Monte V. Hobbs 18
Patterns of Age-Related Immunologic Changes, by Takashi Makinodan 27
Mechanisms Underlying the Increased Susceptibility of Aged Mice to Tuberculosis, by Ian Orme 35
Decreased Immunity and Increased Morbidity in the Elderly, by James S. Goodwin 41
Interpretation of Animal and Human Intervention Trials, by Gerald Keusch 47
Vitamin E Enhancement of T Cell-Mediated Function in Healthy Elderly: Mechanisms of Action, by Simin Nibkin Meydani 52
Studies on Micronutrient Supplements and Immunity in Older People, by John D. Bogden 59
Immunogerontologic Outcomes of Dietary Restriction Started in Adulthood, by Richard Weindruch 66
Effects of Calorie Restriction and Omega-3 Fatty Acids on Autoimmunity and Aging, by Gabriel Fernandes ... 72
Nutrition and Immunity in the Elderly: Clinical Significance, by Ranjit Chandra 80
Protein Undernutrition as the Major Cause of Decreased Immune Function in the Elderly: Clinical and Functional Implications, by Bruno Lesourd 86
Immunologic Roles of Two Metabolic Hormones, Growth Hormone and Insulin-like Growth Factor-I, in Aged Animals, by Keith W. Kelley 95
Criteria for Determining Recommended Dietary Allowances for Healthy Older Adults, by Adrianne Bendich .. 105

Number 5, May 1995

What Are American Children Eating? Implications for Public Policy, by Eileen Kennedy and Jeanne Goldberg 111
Colonic Microflora: Nutrition and Health, by M. B. Roberfroid, F. Bornet, C. Bouley, and J. H. Cummings 127
Dietary Salt, Urinary Calcium, and Kidney Stone Risk, by Linda K. Massey and Susan J. Whiting 131
The Enzymatic Cleavage of β-Carotene: Still Controversial, by George Wolf 134
Nicotinamide and Diabetes Prevention, by Margaret T. Behme 137
Food Fortification in the United States: A Legal and Regulatory Perspective, by Stephen H. McNamara 140
Announcement 145
Calendar 146

Number 6, June 1995

Portion Sizes in Dietary Assessment: Issues and Policy Implications, by Lisa R. Young and Marion Nestle 149
Selenium in Human Lactation, by Mayte Sanz Alaejos and Carlos Diaz Romero 159
Plasma Transferrin Receptor Helps to Predict Iron Deficiency in the Anemia of Chronic Disease, by Diana Fleming and Richard J. Wood 167
The Iron–Copper Connection: The Link to Ceruloplasmin Grows Stronger, by Edward D. Harris 170
Is an Elevated Circulating Maternal Homocysteine Concentration a Risk Factor for Neural Tube Defects?, by Johan B. Ubbink 173
Calendar 176

Number 7, July 1995

Risk Assessment of Essential Trace Elements: New Approaches to Setting Recommended Dietary Allowances and Safety Limits, by Walter Mertz 179
Complex Carbohydrates: The Science and the Label 186
Alpha-Linolenic Acid: A Preventive in Secondary Coronary Events?, by Iclal S. Hartman 194
Hyperhomocysteinemia as a Risk Factor for Cardiovascular Disease in Patients Undergoing Hemodialysis, by Joy A. Friedman and Johanna T. Dwyer 197
WHO and FAO Joint Consultation: Fats and Oils in Human Nutrition 202
Calendar 206

Number 8, August 1995

The Role of Energy Expenditure in Energy Regulation: Findings from a Decade of Research, by Edward Saltzman and Susan B. Roberts 209
The Development and Evolution of U.S. Army Field Rations, by Robert E. Feeney, Eldon E. Askew, and Deborah A. Jezior 221
A New Role for Lactoferrin: DNA Binding and Transcription Activation, by James C. Fleet 226
Fish and Heart Disease: What Is the Real Story?, by Martijn B. Katan 228
A Regulatory Pathway of Thermogenesis in Brown Fat Through Retinoic Acid, by George Wolf 230
On-line Food and Nutrition Information Resources 232
Calendar 234

Number 9, September 1995

Overview and Mechanisms of Iron Regulation, by Thomas H. Bothwell 237
Methods to Assess Iron Status in Various NHANES Surveys, by Anne C. Looker, Elaine W. Gunter, and Clifford L. Johnson 246
Iron Overload: Prevalence and Impact on Health, by Sean R. Lynch 255
ISIS 4: Clinical Controversy Regarding Magnesium Infusion, Thrombolytic Therapy, and Acute Myocardial Infarction, by Mildred S. Seelig 261
Influence of Altered Body Weight on Energy Expenditure, by John M. Kinney 265
Letter to the Editor 269
Calendar 270

Number 9 (Part II), September 1995

The Kellogg Nutrition Symposium
Micronutrients: Their Role in a Modern Lifestyle

Foreword, by Victor L. Fulgoni III S1
Lowered Energy Intake and Dietary Macronutrient Balance: Potential Consequences for Micronutrient Status, by R. G. Whitehead S2
Micronutrient Status and Aging, by Katherine Tucker S9
Zinc and Human Health, by Peter J. Aggett and John G. Comerford S16
Magnesium Status and Health, by Ivor E. Dreosti S23
The Importance of Vitamin E in Reducing Cardiovascular Risk, by Mavis Abbey S28
Folate and Neural Tube Defects, by Carol Bower S33
Total Nutrient Intake and Ready-to-Eat Cereal Consumption of Children and Young Adults in the Bogalusa Heart Study, by Theresa A. Nicklas, Leann Myers, and Gerald S. Berenson S39

Number 10, October 1995

Drug–Nutrient Interactions, by J. A. Thomas 271
Prospective Studies of Homocysteine and Cardiovascular Disease, by Petra Verhoef and Meir J. Stampfer 283
Hyperolfaction and Hyperemesis Gravidarum: What is the Relationship?, by Miriam Erick 289
Are Low-Sodium Diets Appropriate for Treated Hypertensive Men?, by James C. Fleet 296
The Effect of Fasting and Fructose and Glucose Infusion on Gluconeogenesis and Triose Phosphate Flux in Rats in Vivo, by George Wolf 299
The International Food Information Council Foundation On-Line 302
Calendar 304

Number 11, November 1995

Nutrition Evaluation of Dietary Fat Substitutes, by Stanley N. Gershoff 305
Results of Surveys to Assess Iron Status in Europe, by Leif Hallberg 314
Homocysteine—an Atherogenic and a Thrombogenic Factor?, by Johan B. Ubbink 323
Weekly Versus Daily Oral Iron Administration: Are We Asking the Right Questions?, by Noel W. Solomons 326
Do Dairy Products Improve Bone Density in Adolescent Girls? 328
Letters to the Editor 333
Calendar 336

Number 12, December 1995

Nutrition Recommendations Update: Dietary Fats and Children 367
Report of the Dietary Guidelines Advisory Committee: *Dietary Guidelines for Americans*, 1995 376
Announcements 380
Subject Index to Volume 53 382
Author Index to Volume 53 388